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Application Number	10/807,034
Filing Date	March 18, 2004
First Named Inventor	Terance G. Oas
Group Art Unit	1641
Examiner Name	Unknown
Attorney Docket Number	180/117/2/2

Sheet 1 of 1

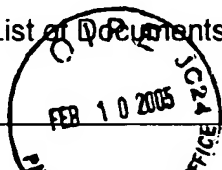
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12/16/2015

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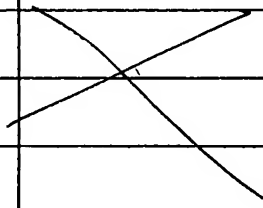
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U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number (country code, no., kind code (if known))	Publication Date	Name of Patentee or Applicant	Pages, columns, lines where relevant passages appear	T
<i>h</i>	1	WO 00/16100	03/23/2000	Woods et al.		
<i>h</i>	2	WO 99/09204	02/25/1999	Woods et al.		

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include Author (in CAPITAL LETTERS), Title, Journal, Date, Pertinent Pages, Etc.	T
<i>h</i>	3	European Patent Office Communication for corresponding PCT/EP Appl. No. EP 01 92 8981 dated October 13, 2004.	
<i>h</i>	4	Buijs et al., <i>Conformational Stability of Adsorbed Insulin Studied with Mass Spectrometry and Hydrogen Exchange</i> , <u>Anal. Chem.</u> 71(15) :3219-3225 (1999).	
<i>h</i>	5	Ragona et al., <i>Unfolding and Refolding of Bovine β-Lactoglobulin Monitored by Hydrogen Exchange Measurements</i> , <u>J. Mol. Biol.</u> 293 :953-969 (1999).	
<i>h</i>	6	Villanueva et al., <i>Hydrogen exchange monitored by MALDI-TOF mass spectrometry for rapid characterization of the stability and conformation of proteins</i> , <u>Federation of European Biochemical Societies</u> 472 :27-33 (2000).	

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Jr	4	DENG ET AL., "Comparison of Continuous and Pulsed Labeling Amide Hydrogen," Journal of the American Society for Mass Spectrometry, Vol. 10 (No. 5), p. 675-684, (August 1999).	
I	5	WALKER ET AL., "Effects of Protein Surface Interactions on Protein Ion Signals in MALDI Mass Spectrometry," Analytical Biochemistry, Vol. 71 (No. 1), p. 268-272, (January 1999).	
I	6	DENG ET AL., "Identification of Unfolding Domains in Large Proteins by Their Unfolding Rates," Biochemistry, Vol. 37 (No. 180), p. 6256-6262, (May 1998).	
I	7	KELLER ET AL., "Discerning Matraix-Cluster Peaks in Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectra of Dilute Peptide Mixtures," Journal of the American Society of Mass Spectrometry, Vol. 11 (No. 1), p. 88-93, (January 2000).	
I	8	CHAURAND ET AL., "Direct Profiling of Proteins in Biological Tissue Sections by MALDI Mass Spectrometry," Analytical Chemistry, Vol. 71 (No. 23), p. 5263-5270, (1999).	
I	9	DENG ET AL., "Rate and Equilibrium Constants for Protein Unfolding and Refolding Determined by Hydrogen-Mass Spectrometry," Analytical Biochemistry, Vol 276, (No. 2), pp. 150-160, (1999).	
I	10	ROSENBAUM ET AL., "Screening Combinatorial Libraries of de Novo Proteins by Hydrogen-Deuterium Exchange and Electrospray Mass Spectrometry," J. Am Chem Soc., Vol. 121, pp. 9509-951, (1999)	
I	11	MANDELL ET AL., "Measurement of Amide Hydrogen Exchange by MALDI-TOF Mass Spectrometry," Anal Chem, Vol 70, pp 3987-3995, (1998).	

Examiner Signature	Date Considered 12/16/2005
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